

2009 FFA Landscape Design Career Development Event  
Supplemental Information

1. Type of House: Home is a modified Cape Cod style with 4 bedrooms, 2 baths, and a 2 car garage. The front porch is located approximately 18 inches feet above the ground and the front door is reached by walking up 3 steps onto the front porch. The back porch is approximately 12 " above ground level and is accessed from the living room and dining room through a double set of French doors. **The front of the home faces north.** The home is located in a subdivision of similar homes.
2. Lot: The property measures 150 feet across and 175 feet from front to back and is nearly level. All of the lots in this area are similar in size and shape. There are homes on each side of this house.
3. Family: Mr. and Mrs. Jackman purchased the home (which is approximately 10 years old) in 2007. There is no landscaping other than a lawn. The floor plan is shown on page 7 of this document.
  - ? They would like a patio for entertaining accessible from the back porch, need a walkway to get from the driveway to the front door. Since they both work they would like to be able to enjoy the garden at night.
  - ? They prefer a sustainable landscape which incorporates native plants as much as possible and are sensitive to environmental issues, invasive plants, and water conservation.
4. Scope of the work:
  - A. Walkway is needed from the driveway to the front door and a patio is needed adjacent to back porch. The homeowners are interested in creating areas within the backyard which could be used for different purposes – they have 2 small children and are interested in a small vegetable garden, seasonal interest, and lots of color in the garden.
  - B. Plants should be selected which provide interest throughout the year, including annuals, perennials, evergreens, and deciduous plants. Care should be taken to avoid the use of invasive plants.
  - C. The soil is mostly a silty clay.
  - D. Topsoil is about 6 inches deep with a pH of 5.5.
  - E. The entire lot should be considered when preparing this design, including the front yard, side yards, backyard, and perimeter of the property.
5. Project Requirements:

Finished projects may be hand rendered or developed using a CAD program but all projects must meet the following criteria:

  - A. All drawings should be submitted on 24" by 36" sheets of good quality tracing paper or vellum. Plan view drawing of the finished project is required. Color, Imaging, or Elevation drawings will not be judged.
  - B. The finished scale should be 1" equals 10'.
  - C. Students are required to use standard, commonly recognized symbols for plants

- D. NEW IN 2009 - All students are required to submit a list of wholesale costs (see page 4 for instructions).**
- E. Symbols used should be representative of accepted professional drawing practices.
- ? Plant symbols should be drawn representing plants in scale at reasonable mature sizes. It is recommended that a reference such as The Manual of Woody Plants, Michael Dirr be used in determining plant spread (width). Nursery wholesale price books may also contain helpful size information. For example, in the Manual of Woody Plants, Cornus kousa is shown at a spread equal to its height of 20 – 30 feet. A reasonable mature size to represent this tree would be 10 to 15 feet or approximately one-half to two-thirds the spread listed. A shrub which grows quickly would be more accurately represented at 2/3 of its mature spread, while a slow growing tree or shrub could be represented at 1/2 its mature spread. It is recognized that site conditions will affect the size plants ultimately achieve.

Jackman Residence

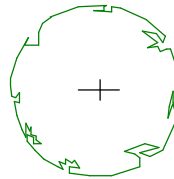
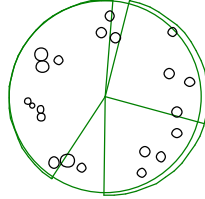
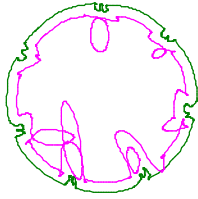


All dimensions for the location of the Jackman Residence on the lot should be taken from the Plan view sketch of the house and lot labeled FFA\_Design\_09.pdf or the pdf of the house alone labeled House\_FFA\_Design\_09\_01.pdf. **It is recommended that you not attempt to measure the house from the FFA\_Design\_09.pdf document.** The dimensions are shown on the sketch. Note that, due to variations in printers, there may be slight differences in measurements taken from this document and no penalties will be assessed for those slight measuring discrepancies.

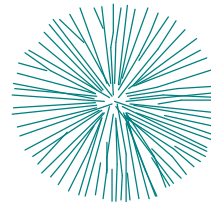
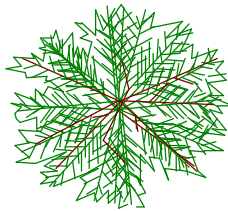
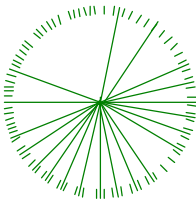
## 2009 LANDSCAPE DESIGN PROJECT SAMPLES

SAMPLE SYMBOLS ARE SUGGESTED STYLES AND ARE NOT SHOWN TO SCALE

### DECIDUOUS



### EVERGREEN



## 2009 LANDSCAPE DESIGN SUPPLEMENTAL INFORMATION

### SAMPLE PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QUAN	SIZE	ROOTBALL
AR	Acer rubrum	Red Maple	5	2-2.5"	B & B

### SAMPLE TITLE BLOCK

CLIENT	DATE
NORTH ARROW	
SCALE OF DRAWING	
DESIGNER/CHAPTER	

Student must locate title block in lower right hand corner of the final drawing. The location of the plant materials list should be chosen to make it easy to read while viewing the design.

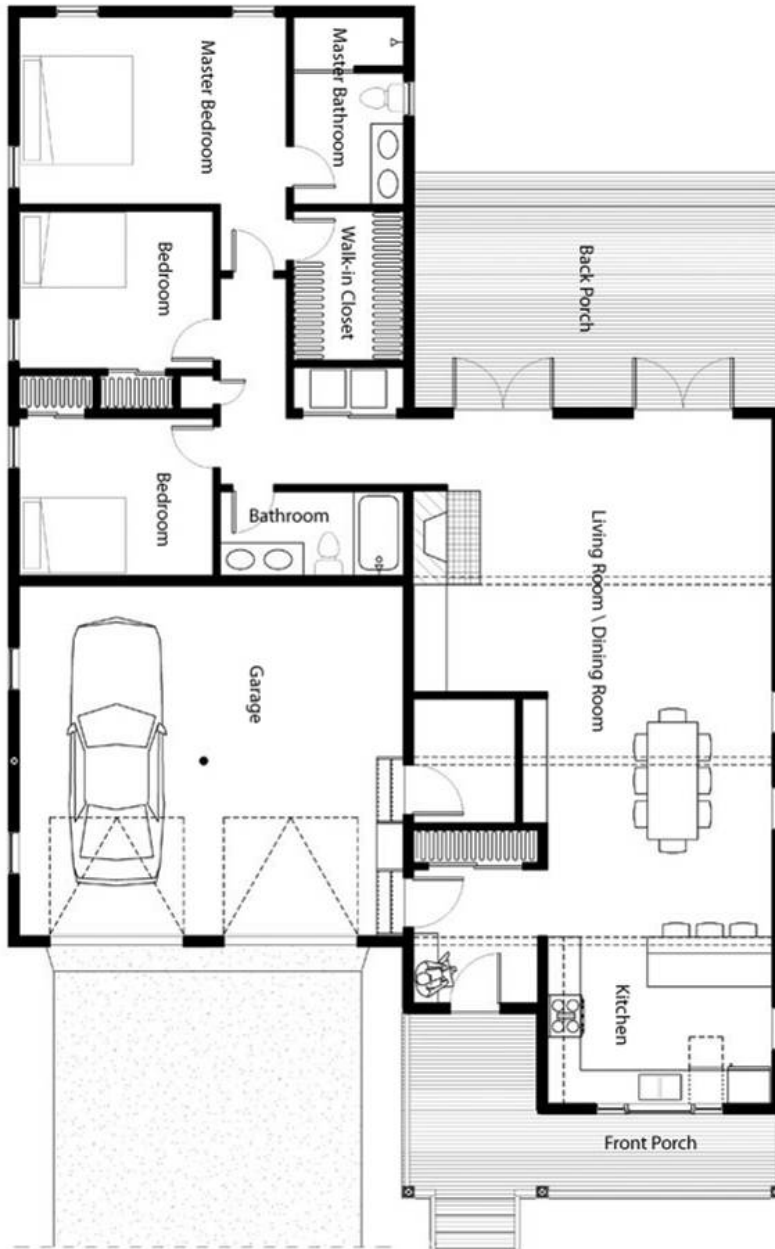
## 2009 LANDSCAPE DESIGN SUPPLEMENTAL INFORMATION

### LANDSCAPE COSTS FORMAT

**NOTE:** The student must include an estimate of wholesale costs with their landscape design. The Estimate of Wholesale Costs will be worth 10 points as part of the design review component on the Landscape Design CDE. Students must include the unit costs and total costs for all plant material. Lawn areas may be priced out on the basis of square feet, hardscape areas such as patios and walkways should be priced out in square feet AND total cost. No labor, equipment or overhead costs are to be included. The source for all costs must be shown. The table below shows the preferred format for the wholesale cost estimate.

ITEM	UNIT	Qty	UNIT PRICE	TOTAL	Source
Acer rubrum 2" CAL	each	3	\$90.00	\$270.00	Northern Nurseries

Enlarged view of Jackman Residence



Directions for printing from the pdf file:

The FFA\_Design\_09.pdf file may be printed out on a large format printer or at a local print shop or office supply store and will print out at a scale of 1" = 10 feet. For any FFA Chapters who have difficulty getting copies made, full size (18 x 24) copies may be requested from the CDE Coordinator, Jan-Marie Traynor by email at [jtraynor@ccm.edu](mailto:jtraynor@ccm.edu). If your students will be using CAD you may request a digital copy of the base map. Please be sure to include your chapter name, teacher name and mailing address in your email request.

1. Open the FFA\_Design\_09.pdf file.
2. From File, select Print and use the settings shown in the sample print window below.

